

**Tektronix**

**THS710A, THS720A,  
THS730A & THS720P  
TekScope™  
Reference**

**070-9741-00**

**RETURN THIS MANUAL**

**IF NOT RETURNED,  
YOU WILL BE CHARGED  
A MINIMUM OF \$50.00**

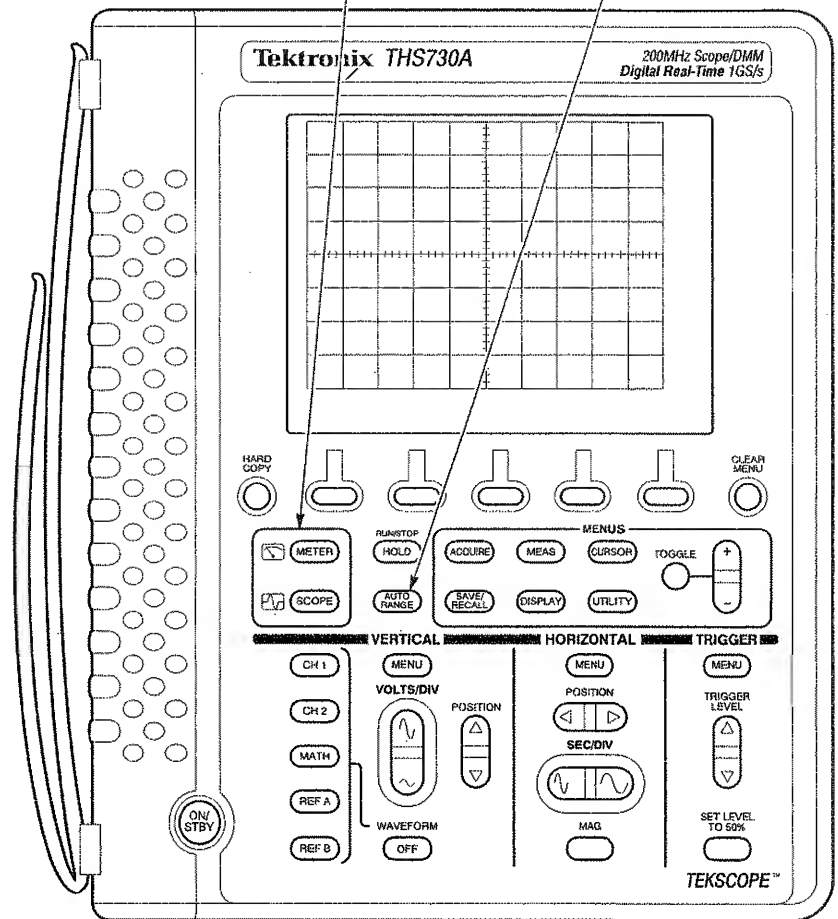
PLEASE RETURN TO:  
AT&T CAPITAL CORPORATION  
INSTRUMENT & DATA SERVICES  
1830 WEST AIRFIELD DRIVE  
DFW AIRPORT, TX 75261

14004-9

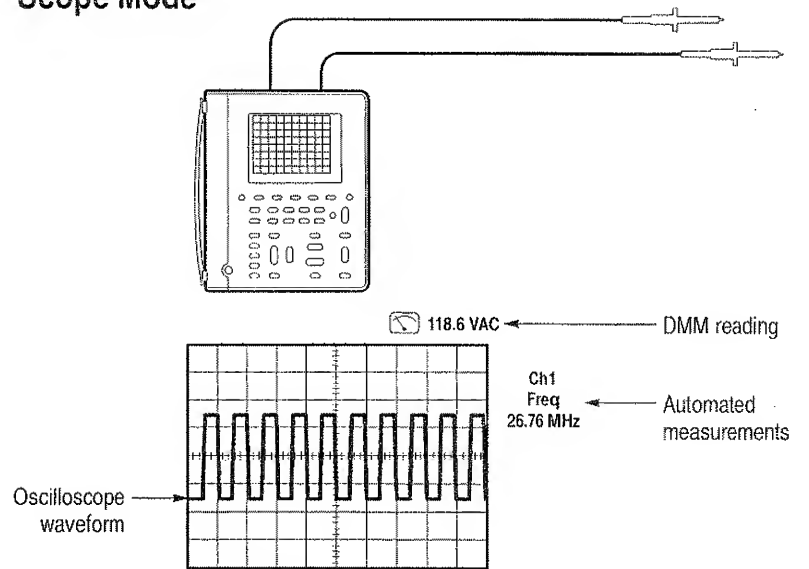
23 March 95

# Getting Started

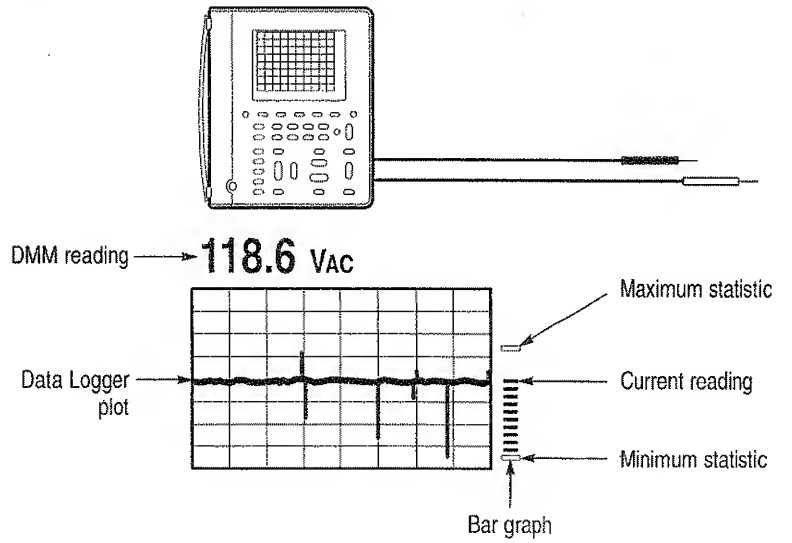
- 1 Connect probes or leads.
- 2 Choose **SCOPE** or **METER** mode.
- 3 Press **AUTORANGE**.



## Scope Mode



## Meter Mode



# Trigger Type

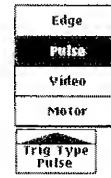
**1** Press  
TRIGGER MENU.

**2** Choose a trigger type.

**3** Adjust the  
TRIGGER LEVEL.











TRIGGER

MENU



TRIGGER  
LEVEL

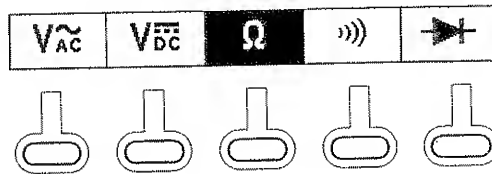


Edge or Motor		Pulse		Video	
Source	Choose Ch 1 or Ch 2 or External (Edge)	Source	Choose Ch 1 or Ch 2	Source	Choose Ch 1 or Ch 2
Coupling (Ch 1 or Ch 2)	DC      DC HF Reject  LF Reject  Noise Rej (DC Low Sensitivity)	Polarity & width	Positive <sup>1</sup>  Negative <sup>1</sup> 	Trigger on	Odd Field <sup>3</sup> (Interlaced) Even Field <sup>3</sup> (Interlaced) Any Field <sup>3</sup> (Non-interlaced) Lines <sup>3</sup> Choose line with +/- rocker
Slope	Positive  Negative 	Trigger when	Less Than Width  Greater Than Width  Equal To Width <sup>2</sup>  Not Equal To Width <sup>2</sup>  <sup>2</sup> Set tolerance	Scan rate	15 kHz to 20 kHz 20 kHz to 25 kHz 25 kHz to 35 kHz 35 kHz to 50 kHz 50 kHz to 65 kHz

Any  
line

## DMM and Data Logger

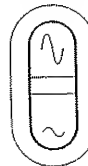
1 Choose a DMM function.



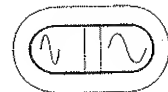
2 Press **AUTORANGE** or set a specific range.



VOLTS/DIV



SEC/DIV

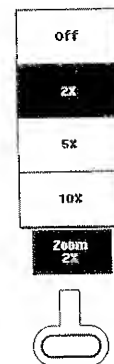


3 Set the Data Logger rate.

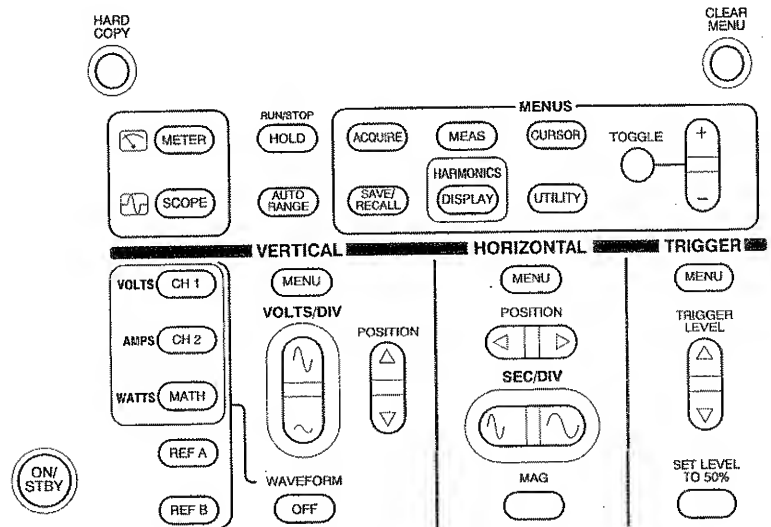
4 To select a Data Logger zoom factor, press **VERTICAL MENU** and then choose a zoom factor.

■ VERTICAL ■

MENU



# Front-Panel Buttons



**ACQUIRE.** Displays the Acquire menu.

**AUTORANGE.** Selects oscilloscope or meter Autorange function.

**CH 1 and CH 2.** Displays and selects a channel waveform.

**CLEAR MENU.** Clears menu from display.

**CURSOR.** Displays the Cursor menu.

**DISPLAY.** Displays the Display menu and activates Harmonics (THS720P).

**HARD COPY.** Initiates a hard copy using the RS-232 port.

**HOLD.** Stops/restarts oscilloscope acquisition or holds/resets meter readout.

**HORIZONTAL MENU.** Displays the Horizontal menu.

**HORIZONTAL POSITION.** Adjusts oscilloscope waveform horizontal position.

**MAG.** Turns 10X horizontal magnification on and off.

**MATH.** Displays and selects the math waveform.

**MEAS.** Displays the Measurement menu.

**METER.** Selects meter mode.

**ON/STBY.** Selects on or standby. Does not disconnect power from the instrument.

**REF A and REF B.** Displays and selects a reference waveform.

**SAVE/RECALL.** Displays the Save/Recall menu.

**SCOPE.** Selects scope mode.

**SEC/DIV.** Adjusts horizontal scale factor for oscilloscope or data logger.

**SET LEVEL TO 50%.** Sets trigger level to midpoint of oscilloscope waveform.

**TOGGLE and +/-** Rocker. Select and move cursors. Adjust numerical values.

**TRIGGER LEVEL.** Adjusts trigger level.

**TRIGGER MENU.** Displays the Trigger menu.

**UTILITY.** Displays the Utility menu.

**VERTICAL MENU.** Displays the Vertical menu.

**VERTICAL POSITION.** Adjusts oscilloscope waveform or data logger vertical position.

**VOLTS/DIV.** Adjusts oscilloscope vertical scale factor or meter range.

**WAVEFORM OFF.** Removes selected oscilloscope waveform from display.